From:	
To:	
Sent:	12/18/2020 8:53:39 AM
Subject:	FW: Tree Strike Modeling - 2021 System Hardening
Attachments:	2020-11-25 Tree Strike KMZ.zip; 2020-11-25 Tree Strike Modeling.pptx
Did we request this	for the jobs we just scoped?

From: Sent: Monday, November 30, 2020 11:30 AM To: Subject: FW: Tree Strike Modeling - 2021 System Hardening

Please see attached.

Thank you,

From: Sent: Wednesday, November 25, 2020 16:24 To: Cc:

Subject: FW: Tree Strike Modeling - 2021 System Hardening

## .....

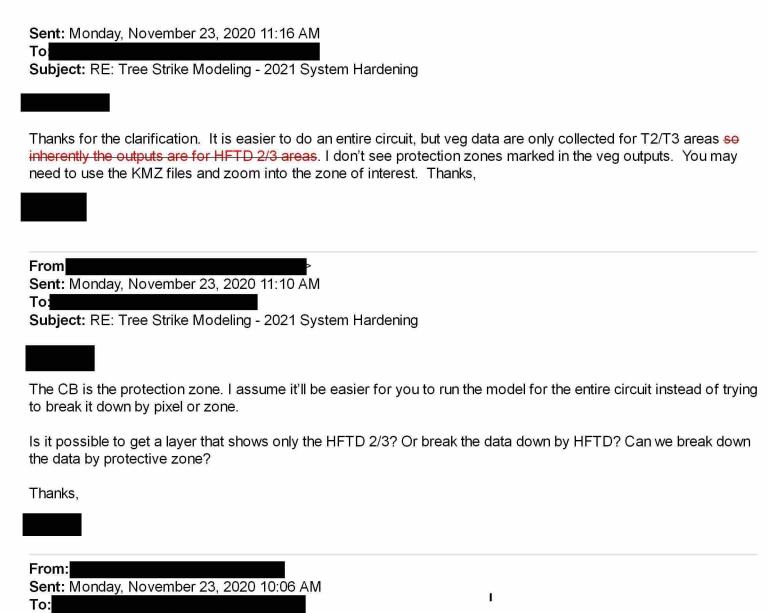
Attached are the results for the 7 circuits. Note as we discussed that the calculations are performed at the circuit level and only included HTFD 2/3 regions. Wish you a happy and safe Thanksgiving!

From: Sent: Monday, November 23, 2020 12:36 PM

To: Subject: RE: Tree Strike Modeling - 2021 System Hardening Importance: High

I'm sorry I just found that some T2/T3 data includes HFTD 0 district. I will exclude the HFTD 0 zones and only do calculations for HFTD 2/3 districts. Thanks,

From:



Subject: RE: Tree Strike Modeling - 2021 System Hardening

Is there any specific meaning for the "CB" and the post-first four digits designations in the circuit names? The veg data I received is for the entire feeder number, so if my calculations are meant for a subset of a feeder I will need your help to provide polygons of the area of interest. Otherwise I will do calculations for each entire feeder number on the list. For example for the two Middletown 1102 CPZ I will only perform one calculation for Feeder #043141102 which will include both CPZs. Thanks,

UPPER LAKE 1101CB	LAKE	HM
KESWICK 11011586	SHASTA	NV
MIDDLETOWN 1102302610	LAKE	ΗM
MIDDLETOWN 1102CB	LAKE	ΗM
KONOCTI 1102965078	LAKE	ΗM
MARIPOSA 2102241564	MARIPOSA	YO
BUCKS CREEK 1101CB	PLUMAS	NV
MIDDLETOWN 1103CB	LAKE	ΗM
MIDDLETOWN 1103830	LAKE	ΗM
	KESWICK 11011586 MIDDLETOWN 1102302610 MIDDLETOWN 1102CB KONOCTI 1102965078 MARIPOSA 2102241564 BUCKS CREEK 1101CB MIDDLETOWN 1103CB	KESWICK 11011586SHASTAMIDDLETOWN 1102302610LAKEMIDDLETOWN 1102CBLAKEKONOCTI 1102965078LAKEMARIPOSA 2102241564MARIPOSABUCKS CREEK 1101CBPLUMASMIDDLETOWN 1103CBLAKE

Thank you,

## From:

ent: Tuesday, November 10, 2020 11:01
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To:

Subject: RE: Tree Strike Modeling - 2021 System Hardening

Hi

Do you have the corresponding feeder numbers for the circuits? The vegetation database works on feeder numbers. They are 9 digits, for example "152762101" for El Dorado PH 2101. Work can start without a PM, but I will need the PMs before the job can be closed (2). The cost to run them all should be less than \$10K, for simpler management I like to put them all into on ATS job if you don't mind. Please let me know which PM should I use when you have them. Thanks,

Mechanical Engineering and Numerical Analysis Applied Technology Services (ATS)

From: Sent: Tuesday, November 10, 2020 10:49 AM To:

Subject: Tree Strike Modeling - 2021 System Hardening

Hi

Can you please run the tree strike modeling for the following circuits with the KMZ, excel sheet, and power point outputs? We're working to get the PM numbers for the projects, but it'll be in the following feeders/zones:

UPPER LAKE 1101 CB KESWICK 1101 LR 1586 MIDDLETOWN 1102 LR 302610 MIDDLETOWN 1102 CB KONOCTI 1102 LR 965078 MARIPOSA 2102 LR 241564 BUCKS CREEK 1101 CB

## MIDDLETOWN 1103 CB MIDDLETOWN 1103 LR 830

Do you need the PM number before you can send the ATS approval? Can you request the vegetation data the vegetation data today without a PM? Senior leadership wants us to get moving on this ASAP after the new risk model pivot.

I'm requesting the planning orders today and will hopefully have PM's by the end of the week.

Thanks,

